

What is claimed is:

1. A method for embedding a digital signature in an MPEG stream, said method
5 comprising the step of modifying the PCR field of a transport stream packet, by
logically anding off a portion of the lower bits of said PCR field and replacing said
portion with all or a part of said digital signature.
2. The method of claim 1 wherein said digital signature may span a plurality of
10 PCR fields in a plurality of packets.
3. The method of claim 1 wherein said digital signature is encrypted to produce
an encrypted signature.
- 15 4. The method of claim 3 wherein said encrypted signature is scrambled to
provide for error correction.
5. A system for embedding a digital signature in an MPEG stream, said system
comprising logical means for modifying the PCR field of a transport stream packet,
20 by logically anding off a portion of the lower bits of said PCR field and replacing said
portion with all or a portion of said digital signature.
6. The system of claim 5 wherein said digital signature may span a plurality of
PCR fields in a plurality of packets.
- 25 7. The system of claim 5 wherein said digital signature is encrypted to produce
an encrypted signature.
8. The system of claim 7 wherein said encrypted signature is scrambled to
30 provide for error correction.

9. A MPEG digital transmission said transmission containing a modified PCR field of a transport stream packet, said modified PCR field containing a portion or all of a digital signature, for the purpose of identifying said digital transmission.

5 10. The transmission of claim 9 wherein said digital signature may span a plurality of PCR fields in a plurality of packets.

11. The transmission of claim 9 wherein said digital signature is encrypted to produce an encrypted signature.

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12. The transmission of claim 11 wherein said encrypted signature is scrambled to provide for error correction.

13. A method for embedding a digital signature in an MPEG stream, said
15 method comprising the step of modifying a transport stream packet to contain a portion or all of said digital signature, said modifying being done to a data structure selected from the set consisting of: adaptation field, private descriptor, PID, null packet, table CRC, table replacement, or PCR location.

20 14. The method of claim 13 wherein said digital signature may span a plurality of said selected data structures, in a plurality said packets.